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SPEECH COMMAND INPUT RECOGNITION SYSTEM FOR INTERACTIVE
COMPUTER DISPLAY WITH INTERPRETATION OF ANCILLARY

RELEVANT SPEECH QUERY TERMS INTO COMMANDS

App A1 Abstract

5 In an interactive computer controlled display system with speech command input recognition and visual feedback including means for predetermining a plurality of speech commands for respectively initiating each of a corresponding plurality of system actions in combination
10 with means for providing for each of said plurality of commands, an associated set of speech terms, each term having relevance to its associated command. Also included are means for detecting speech command and speech terms. Responsive to such detecting means, the
15 system provides means responsive to a detected speech command for displaying said command, and means responsive to a detected speech term having relevance to one of said commands for displaying the relevant command. The system further comprehends interactive means for selecting a
20 displayed command to thereby initiate a system action; these selecting means are preferably speech command input means. The system preferably displays the basic speech commands simultaneously along with the relevant commands.

In accordance with an aspect of the present
25 invention, the means for providing said associated set of speech terms comprise a stored relevance table of universal speech input commands and universal computer operation terms conventionally associated with actions initiated by said input commands, and means for relating
30 the particular interactive interface terms of said system with terms in said relevance table.